

WNYRIC Standards Committee Meeting Minutes
April 20, 2011
1:00 p.m.-3:00 p.m.
Via the following sites:
Erie 1 BOCES Meeting Room A3
Erie 2 BOCES LoGuidice Room 2
ON BOCES DL Room
GST BOCES Wildwood
CA BOCES Olean DL Room

In Attendance:

Bob Spino (E2CC BOCES)	Rick Mardino (Erie 1 BOCES)
Dick Lydo (WNYRIC)	Don Watkins (Franklinville)
Steve Ludwig (Clarence CSD)	Jill Holbrook (WNYRIC)
Ron Ternowski (WNYRIC)	Mat Dziuba (WNYRIC)
Mike Birmingham (Bath CSD)	Mike Anderson (O/N BOCES)
Tom Simpson (Pioneer CSD)	Michelle Okal (WNYRIC)
Mike Murphy (Forestville CSD)	Terry Caleb (WNYRIC)
Joe Reilly (Corning)	Carol Barber (Erie 1 BOCES)
Darlene Sprague (Niagara Falls CSD)	

Jill Holbrook called meeting to order at 1:34 p.m. She stated that meeting documentation was posted in the Standards Committee Community and in the Wiki.

1. **Approval of the February 9, 2011 meeting minutes**- Jill asked if there were any questions or concerns from the meeting minutes from February 9, 2011. There were none. Steve Ludwig made the motion to accept meeting minutes and it was seconded by Mike Birmingham. The motion passed unanimously.
2. **Jill reviewed future tentative meeting dates:**
 - August 10, 2011 (face to face meeting) Jill asked if anyone is interested in hosting. Please let Jill know if you are interested.
 - November 16, 2011 (via Distance Learning)
 - February 8, 2012 (via Distance Learning)
 - May 9, 2012 (via Distance Learning)

Category review dates for 2010-11:

1. Computers- November 2010
2. Communications Equipment- August 2010
3. Internet Browsers- ~~November 2010~~ February 2011

4. Modems- February 2011
 5. NIC Cards- February 2011
 6. On Line Emulation- April 2011
 7. Operating Systems- ~~November 2010~~ February 2011
 8. Plotters- February 2011
 9. Printers- ~~November 2010~~ February 2011
 10. Scanners- April 2011
 11. Server (Standard)- February 2011
 12. Server (SAN)- August 2010
 13. Software- ~~November 2010~~ February 2011
 14. Server Back Up- August 2010
 15. Virtualization- April 2011
 16. VoIP- August 2010
3. **Brief discussion by Evhen Tupis (Medina) on refurbished equipment-**
Evhen stated that Medina has old technology and are investigating purchasing refurbished equipment. Evhen disbursed information on 2 quotes received from School Tech Supply and CDI. The information is posted on the Standards Community and the Wiki for review.
4. **Update of any districts using or piloting Verizon wireless mobile devices-**
Discussion of Verizon Wireless OS pilots using established criteria:
- How do the devices integrate and function with the existing network infrastructure and with service applications
 - Is there filtering capability and what specifically
 - Is there anti-virus security capability and if not, is this a concern
 - Security capability- how does the device authenticate to the environment or network (LDAP, Active Directory, etc)
 - Can this be managed in an enterprise environment
- Jill has been sending invitations to the committee members in regards to using Lotus Connections for virtual collaboration.
- Bob has been doing some piloting with the Motorola Xoom. Nothing really available to control these devices. Still in the early testing stages and not ready to move forward.
- Don tested Nook Color using Android 2.1. Was able to install Lotus Notes Traveler fairly easily. Had to install SQL tables and then edit the tables. Can install everything using Google Market Place (Apps). Don also tried the ViewSonic Android 2.2 tablet. Installed g-tablet using Fandango; installed Amazon kindle, Lotus Notes Traveler, and an Outlook email account with much success. He also signed on through the CA BOCES network as a guest and was able to get to attendance in eSchooldata. The one question Don had was "what happens when battery goes bad?"
- Mat said that the battery life span is typically two years.

Tom S. provided a full report on the iPad devices which is posted in the Standards Community and the Wiki. Pioneer partnered with Depew on piloting iPads through a federal grant to determine if the iPads could and would increase the learning performance for Special Ed and ESL students. All the results have not yet been tabulated. Pioneer used Packetsure as the Internet content filtering. Packetsure would not block web based email traffic sent and received by an iPad, though it effectively blocks it on computers. Enterprise management is challenging, but Apple is improving the features available. The official Apple position is that third party vendors are the best sources for management software. This is no network authentication at this time which created a problem but also offered a feature that teachers liked. Users do not have access to any network resources or shared folders. Cloud based resources such as Drop Box and Google Docs provide a storage spot that is usable. Teachers really liked the instant-on feature that the devices have which allowed students to be able to engage their content much faster. The device is not a computer but more of an internet appliance. Any web based applications that don't rely on Flash or Java works. Some of the applications that the admin team and teachers used were Google Docs, Lotus Notes via Traveler, Power School, Global Connect, Employee Evaluation System, Dragon Dictation, Brain Pop and YouTube. Approximately 40 applications that focused on curriculum, productivity or information were installed for free. The teachers really like the simplicity of the device for special needs children.

Jill stated that the WNYRIC has been piloting the Samsung Galaxy 2.1 tablet. Ron is looking into SOTI filtering options to lock down device when taken home but is currently is not available. Jill previewed a Gartner webinar which discussed the future of mobile device market. She prepared a WNYRIC IT Leaders Brief (posted in Standards Community and the Wiki) with highlights from the webinar. The K-12 environment differs from the business market. An E-rate pilot conducted at Watkins Glen and GST BOCES indicated that utilizing smartphones (mobile learning devices) increased student's achievement in NYS assessments in ELA and Math. The concerns with standardization and enterprise management we are having today with tablets and smartphones will bleed into the Netbook and laptop market as vendors move to "browser operating systems".

Enterprise Management Concerns in the market currently - these devices predominately surround the web based services utilized:

- Security – where is our information and who has access
- Single Point of Failure to the web
- K-12 – content filtering to align to CIPA
- Enterprise Management limitations based on the OS (current):
 - The Android tablet and Smartphone– the application downloaded can only see its BIOS section of the OS so it is impossible for a

single application to monitor the entire environment. The user has to be involved.

- Apple – IOS devices - third party management server allows access – there is a certificate put in the device and then whenever there is an app downloaded the app is given a key on the device so there is no split. To remove device – then remove the certificate and all applications go away (this is new).
- All updates through iTunes (at home or at work?) – The user is still involved in the process and considering the history of the laptop – this still creates support calls. This makes sense for the consumer side – not the enterprise side.

These devices are changing how we enforce Standards. Have to consider security, patch management, governance, risk and compliance, and inventory. Since the IT department will not have the authority over the device, there must be Acceptable Use Policies.

The iPad and Samsung Galaxy Tablets will be listed as approved devices through CSLO with approval of Michelle Okal. CSLO is only approving these devices with wifi only and for use in the district and may not be taken home by students. This is the only way in which we can ensure that the devices are filtered in the current environment. Michelle is working closely with the WNYRIC team in regards to enterprise solutions regarding content filtering solutions (client based or VPN route through school district WAN); Enterprise management of the devices wifi and/or cell access and WebNetwork by Stoneware to access student and staff to the necessary educational resources with authentication. The WNYRIC continues to work with Verizon and other mobile device vendors on content filtering clients, VPN mobile clients to utilize vendor filtering solutions, robust wifi solutions, and policy management. We have confirmed that the access to the IOS and Android APIs are not available to more than 12 enterprise solution vendors. The earliest that software solutions will be available is June 2011. We have created a survey for technology coordinators, superintendents and business officials about the tasks achieved using these devices, and how important these tasks are. This will allow us to provide a managed diversity matrix to best manage enterprise security in a cost efficient manner. We would appreciate input while piloting these devices.

5. Add/change request form by Larry King (Cleveland Hill) and Maria Sommerfeldt (Depew) for recommendation of Veloxum- Depew used Veloxum as network optimization tool for end points. It reduced login time

from 3 minutes to 1 minute on Novell and Active Directory. Veloxum is not on state contract and would have to go out for bid. Depew advised they would purchase the product. After the committee reviewed the add form, Steve Ludwig made the motion to create a new category on Standards List called Network Optimization and list Veloxum under the category. Tom Simpson seconded the motion; the motion carried unanimously.

6. **Add/change request form by Sue Arena (Depew) for recommendation of Sharp Multifunction printers**- After review of the add form and since Sharp meets specification in relation to the OGS contract, Bob Spino made the motion to add Sharp multifunction printer to printer category on the Standards list; Darlene Sprague seconded the motion. The motion carried unanimously.
7. **WNYRIC Standards Category review:**
 - o 5. On Line Emulation-Bob Spino made the motion to remove category On Line Emulation; Rick Mardino seconded the motion. The motion carried unanimously.
 - o 6. Operating Systems-Don Watkins made the motion to remove Linux-SUSE Version 8.x or newer listed under sub-categories Network and Workstations and add Ubuntu to both sub-categories. Steve Ludwig seconded the motion; the motion carried unanimously.
 - o 7. Plotters-no changes
 - o 8. Printers-on hold
 - o 9. Scanners-Follow up with test scoring to verify Canon model numbers
 - o 10. Servers (Standard)-no changes
 - o 12. Software-on hold
 - o 14. Virtualization-Mike Birmingham made the motion to add Desktop Application as a sub-category under Virtualization Category; move Spoon Virtual Application Studio and list Apple Parallel, VMWare Fusion, and Oracle Virtual Box under the new sub-category. Don Watkins seconded the motion; the motion carried unanimously.

Meeting adjourned at 3:18 p.m.

Respectfully submitted: Valerie Winegarden